

FOREIGN PATENT – ABSTRACT**BRIDGE PIER REINFORCING METHOD AND DEVICE THEREOF****PATENT APPLICATION NUMBER- 08043180****PUBLICATION DATE- 1997-09-09****APPLICANT(S)- JAPAN STEEL & TUBE CONSTR CO LTD**

PROBLEM TO BE SOLVED: To provide a reinforcing method and its device capable of bringing in a steel plate to a foundation area of a pier only from one direction and comply properly with a small space where heavy equipment or the like can be set up on a construction site without troubles and enhance dramatically work efficiency.

SOLUTION: A steel plate 2 brought in from an opening 22 of a scaffolding 20, is suspended at first with a hanging means 50 provided on a ring-shaped rail 30. The steel plate together with the hanging means 50 is moved to a specified position in the circumferential direction. Then, the steel plate 2 is suspended with a lifting means 60 of a nearby support beam 40 and lifted up and down to a mounting position and is positioned. Each steel plate 2, which is positioned at a respective mounting position, is mounted on the outer periphery of a pier 1 one after another.

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